60	2038593	level	USPAT;	2004/05/26	
80	2030333	16061	EPO; JPO;	16:42	
			DERWENT;	1 10.12	
			IBM TDB		
61	696235	level?	USPAT;	2004/05/26	
	090233	1evel:	EPO; JPO;	16:43	
			DERWENT;	10.45	
			IBM TDB		
62	2242006	level or level?	USPAT;	2004/05/26	
	2242000	level of level:	EPO; JPO;	16:43	
			DERWENT;	10.45	
			IBM TDB		
63	2569532	region? or (level or level?)	USPAT;	2004/05/26	
64	2369332	region: of (level of level:)	EPO; JPO;	16:43	
			DERWENT;	10.43	
			IBM TDB		i
	897	((375/232.ccls. or 375/233.ccls.) or	USPAT;	2004/05/26	
04	09/	375/231.ccls.) and (region? or (level or	EPO; JPO;	16:44	
		level?))	DERWENT;	10.44	
		[ level: ) ]	IBM TDB		
65	5328	select??? with coefficients	USPAT;	2004/05/26	
65	3320	Select??? with coefficients	EPO; JPO;	16:44	
			DERWENT;	10.44	
			IBM TDB		
66	3557693	set	USPAT;	2004/05/26	
	3337693	Sec	EPO; JPO;	16:44	
	•		DERWENT;	10.44	
	1		IBM TDB		*
67	35637	select??? near3 set	USPAT;	2004/05/26	
67	33637	Selectiff Heal3 Set	EPO; JPO;	16:44	
			DERWENT;	10.44	
	İ		IBM TDB		
68	49	"adaptive equalizer" and (select??? near3	USPAT;	2004/05/26	
00	32	adaptive equalizer and (select::: hears	EPO; JPO;	16:45	
		360)	DERWENT;	10.45	
			IBM TDB		
69	36	((375/232.ccls. or 375/233.ccls.) or	USPAT;	2004/05/26	
0,5	30	375/231.ccls.) and (select??? near3 set)	EPO; JPO;	16:45	
		3737231.ccis., and (Select::: hears set)	DERWENT;	10.45	
			IBM TDB	,	
70	70	("adaptive equalizer" and (select???	USPAT;	2004/05/26	- 1
, 0	'0	near3 set)) or (((375/232.ccls. or	EPO; JPO;	17:43	
		375/233.ccls.) or 375/231.ccls.) and	DERWENT;	17.45	
		(select??? near3 set))	IBM TDB		
71	2	6535545.pn.	USPAT;	2004/05/26	
			EPO; JPO;	17:43	
			DERWENT;		
			1		
	1		IBM TDB	1	

Search History 5/26/04 5:50:53 PM Page 2

L	Hits	Search Text	DB	Time stamp
Number 43	0	"adative equalizer"	USPAT; EPO; JPO;	2004/05/26
44	1868	"adaptive equalizer"	DERWENT; IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26
45	68	"equalizer settings"	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:17
46	15	"adaptive equalizer" and "equalizer settings"	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:20
47	1352360	select???	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26
48	135505	coefficients	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26
49	2032	select??? near3 coefficients	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:20
50	39	"adaptive equalizer" and (select??? near3 coefficients)	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:25
51	25918	valid and invalid	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26
52	21	"adaptive equalizer" and (valid and invalid)	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:38
53	931	375/232.ccls.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:38
54	372	375/233.ccls.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:39
55	1199	375/232.ccls. or 375/233.ccls.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:39
56	372	375/231.ccls.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:39
57	1471	(375/232.ccls. or 375/233.ccls.) or 375/231.ccls.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:40
58	13	"white fox"	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:42
59	546329	region?	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/05/26 16:42



# Publications/Services Standards Conferences Careers/Jobs



Welcome United States Patent and Trademark Office



Help

FAQ Terms

IEEE Peer Review Quick Links

» Search Results

### Welcome to IEEE Xplare\*

- ( )- Home
- What Can | Access?
- O- Log-out

## Tables of Confents

- Journals & Magazines
- ⊢ Conference **Proceedings**
- ( )- Standards

#### Search

- O- By Author
- O- Basic
- ( )- Advanced

#### Member Services

- 🕽 Join IEEE
- Establish IEEE Web Account
- O- Access the IEEE Member Digital Library
- Print Format

Your search matched 15 of 1040503 documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

#### Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

'adaptive equalizer' <and> pam

Search

Check to search within this result set

#### Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

### A perceptron-based adaptive equalizer for PAM signals

Giridhar, K.; Shynk, J.J.;

Circuits and Systems, 1992. ISCAS '92. Proceedings., 1992 IEEE International Symposium on , Volume: 3 , 3-6 May 1992

Pages:1581 - 1584 vol.3

[Abstract] [PDF Full-Text (256 KB)]

#### 2 Convergence analysis of finite length blind adaptive equalizers

Ye Li; Zhi Ding;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on], Volume: 43, Issue: 9, Sept. 1995 Pages:2120 - 2129

[Abstract] [PDF Full-Text (740 KB)]

# 3 Application of Gauss Quadrature Rules to Digital Communication **Problems**

Benedetto, S.; De Vincentiis, G.; Luvison, A.;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 21, Issue:

10 , Oct 1973

Pages: 1159 - 1165

[Abstract] [PDF Full-Text (592 KB)] IEEE JNL

#### 4 On Linear Receivers for Digital Transmission Systems

Benedetto, S.; Biglieri, E.;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 22, Issue: 9, Sep 1974

Pages: 1205 - 1215

# 5 Timing Recovery in Synchronous Equalized Data Communication

Lyon, D.;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 23, Issue: 2, Feb 1975

Pages: 269 - 274

[Abstract] [PDF Full-Text (528 KB)] IEEE JNL

### 6 Self-Orthogonalizing Adaptive Equalization Algorithms

Gitlin, R.; Magee, F., Jr.;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 25, Issue:

7, Jul 1977

Pages:666 - 672

[Abstract] [PDF Full-Text (728 KB)] IEEE JNL

### 7 A General Class of PAM Equalizers

Millott, L.;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 28, Issue: 6, Jun 1980

Pages:915 - 917

[Abstract] [PDF Full-Text (240 KB)] IEEE JNL

# 8 On the design of gradient algorithms for digitally implemented adaptive filters

Gitlin, R.; Mazo, J.; Taylor, M.;

Circuits and Systems, IEEE Transactions on [legacy, pre - 1988], Volume:

20 , Issue: 2 , Mar 1973

Pages:125 - 136

[Abstract] [PDF Full-Text (1192 KB)] IEEE JNL

# 9 Automatic equalization using a successive overrelaxation iterative technique

Kosovych, O.; Pickholtz, R.;

Information Theory, IEEE Transactions on , Volume: 21 , Issue: 1 , Jan 1975

Pages:51 - 58

[Abstract] [PDF Full-Text (1048 KB)] IEEE JNL

### 10 Further results on the Viterbi algorithm equalizer (Corresp.)

Cantoni, A.; Kwong, K.;

Information Theory, IEEE Transactions on , Volume: 20 , Issue: 6 , Nov 1974

Pages:764 - 767

[Abstract] [PDF Full-Text (376 KB)] IEEE JNL

# 11 Simplified fuzzy stochastic gradient FIR adaptive equalizer for terrestrial HDTV transmission

Xiao-Yu Hu; Chun-Ming Zhao; Jie Ding; Xiao-Hu Yu;

Consumer Electronics, IEEE Transactions on , Volume: 43 , Issue: 4 , Nov. 1997

Pages:1090 - 1099

[Abstract] [PDF Full-Text (912 KB)] IEEE JNL

#### 12 Convex cost functions in blind equalization

Vembu, S.; Verdu, S.; Kennedy, R.A.; Sethares, W.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal

Processing, IEEE Transactions on], Volume: 42, Issue: 8, Aug. 1994

Pages:1952 - 1960

[Abstract] [PDF Full-Text (788 KB)] IEEE JNL

# Equalization and clock recovery for a 2.5-10-Gb/s 2-PAM/4-PAM backplane transceiver cell

Zerbe, J.L.; Werner, C.W.; Stojanovic, V.; Chen, F.; Wei, J.; Tsang, G.; Kim, D.; Stonecypher, W.F.; Ho, A.; Thrush, T.P.; Kollipara, R.T.; Horowitz, M.A.; Donnelly, K.S.;

Solid-State Circuits, IEEE Journal of , Volume: 38 , Issue: 12 , Dec. 2003

Pages:2121 - 2130

[Abstract] [PDF Full-Text (2168 KB)] IEEE JNL

# 14 A comparison between recurrent neural network architectures for digital equalization

Ortiz-Fuentes, J.D.; Forcada, M.L.;

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE

International Conference on , Volume: 4 , 21-24 April 1997

Pages: 3281 - 3284 vol.4

[Abstract] [PDF Full-Text (240 KB)] IEE JNL

#### 15 Reduced-complexity soft-output Viterbi equalizer

Xue-Cheng Qian; Chun-Ming Zhao; Shi-Xin Cheng;

Communication Technology Proceedings, 1998. ICCT '98. 1998 International

Conference on , 22-24 Oct. 1998

Pages:144 - 148 vol.1

[Abstract] [PDF Full-Text (284 KB)] IEE JNL

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top